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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/993,087	11/06/2001	Jay R. Walton	PA010254

23696  
Qualcomm Incorporated  
Patents Department  
5775 Morehouse Drive  
San Diego, CA 92121-1714



## CONFIRMATION NO. 7477

## FORMALITIES LETTER



\*OC000000007171957\*

Date Mailed: 12/07/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

02/01/2002 S2ZEBIE1 00000000 170026 09993087

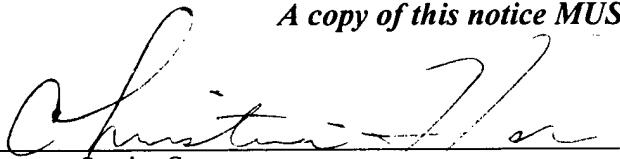
## FILED UNDER 37 CFR 1.53(b)

01 FC:105 130.00 CH

*Filing Date Granted*

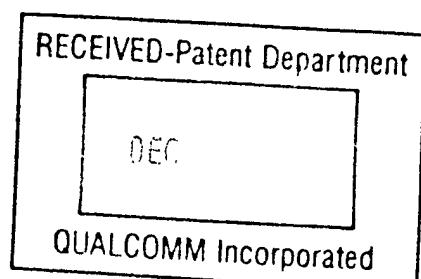
An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice MUST be returned with the reply.*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE





COPY OF PAPERS  
ORIGINALLY FILED

Sector #  
#3

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of )  
WALTON, et al. ) For: Multiple-Access Multiple-  
Serial No. 09/993,087 ) Input Multiple-Output (MIMO)  
Filed: November 6, 2001 ) Communication System  
                          ) ) Group Art Unit: 2681

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION  
UNDER 37 CFR §1.53 (b)**

Asst. Commissioner of Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted which was mailed on December 7, 2001, enclosed are:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Asst. Commissioner of Patents, Washington, D.C. 20231, on:

January 7, 2002

(Date of Deposit)

Caprice P. Hall

(Name of the Person Making Deposit)

Caprice P. Hall

(Signature)

January 7, 2002

(Date of Signature)

1. Office's copy of Formalities Letter;
2. Executed Declaration/Power of Attorney;
3. Return postcard.

Please charge Deposit Account No. 17 - 0026 of QUALCOMM Incorporated in the amount of \$130.00. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17 - 0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

A duplicate copy of this letter is enclosed.

Respectfully submitted,

Dated: January 7, 2002

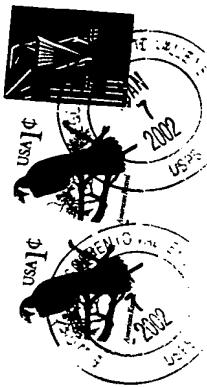
By: Kent Baker  
Kent D. Baker  
Attorney for Applicants  
Registration No. 38,822

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 658-1930  
Facsimile: (858) 658-2502

**QUALCOMM**

QUALCOMM Incorporated

5775 Morehouse Drive  
San Diego, CA 92121-1714



Assistant Commissioner for  
Patents  
Washington, DC 20231

Bin Missing Docs